

Appln. No. 09/911,650
 Amendment dated Jan. 6, 2006
 Reply to Office Action of October 6, 2005
 Docker No. BOC9-2000-0081 (216)

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method for eliminating redundancy among multiple execution sequences during workload simulation of an e-business application, the method comprising:

~~creating a workload reference object comprising a plurality of reference command objects;~~

identifying at least one redundant command within a work request;

selecting at least one reference command object from a workload reference object that corresponds to said redundant command, wherein said workload reference object comprises at least one reference command object that is an executable command for processing and responding to at least one task in said work request;

~~copying selected ones of said at least one reference command object[[s]] into a configuration file in response to a work request to process a workload; and~~

assembling said at least one copied reference[[d]] command object[[s]] with other reference command objects copied into said configuration file to create [[said]] a workload in response to said work request,

wherein said reference command objects are combinable for dynamically adjusting the reallocation, redistribution, and rescheduling of resources across multiple e-business systems.

2. (Currently Amended) The method according to claim 1, wherein said ~~creating~~ selecting step further comprises parsing workload configuration data stored in [[a]] said workload configuration file to create a master workload.

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3. (Currently Amended) The method according to claim 2, further comprising providing an administrator the ability to modify said workload and ~~executing~~ execute said assembled command objects across multiple e-business systems.

4. (Currently Amended) The method according to claim 3, further comprising:
modifying said workload configuration ~~[[data]] file in response to a request to~~
add a new command for producing a modified workload configuration file;
creating said workload reference object using said modified workload
configuration ~~[[data]] file;~~ and
assembling said ~~created~~ workload reference object to create ~~[[a]]~~ said workload
executable.

5. (Currently Amended) A method for eliminating redundancy among multiple
execution sequences during workload simulation on an e-business application server, the
method comprising:

identifying a sequence of redundant commands within a work request;
creating a command pattern for ~~commands that recur in the execution sequences~~
said sequence of redundant commands;
~~building a reference workload using said created command pattern~~
~~copying commands in said reference workload in response to a work request; and~~
building a workload from said work request by replacing redundant command
sequences in said work request with said command pattern; and
executing said ~~copied commands~~ workload for responding to said work request.

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6. (Original) A method for eliminating redundancy among multiple execution sequences during workload simulation on an e-business application server, the method comprising:

instantiating an invoker object, said invoker object instantiating a plurality of command objects, said command objects for executing specific commands;
assembling said command objects to create a workload executable; and
executing said workload executable.

7. (Currently Amended) A system for eliminating redundancy among multiple execution sequences during workload simulation on an e-business application server, comprising:

an executable workload object containing command objects;

an invoker object for manipulating said executable workload object, said invoker instantiating and assembling said command objects ~~to create~~ within said executable workload object; and

a master workload object having rules for instantiating and assembling said command objects.

8. (Currently Amended) A machine readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

prior to receiving a work request, creating a workload reference object comprising a plurality of reference command objects for eliminating redundancy among multiple execution sequences during workload simulation on an e-business application, wherein a reference command object responds to at least one task of a work request;

upon receiving a work request, identifying at least one redundant command within said work request;

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selecting at least one reference command object from said workload reference object that corresponds to said redundant command,

copying ~~selected ones of~~ said at least one reference command object[[s]] into a configuration file in response to a work request to process a workload; and

assembling said at least one ~~copied~~ reference[[d]] command object[[s]] that was copied into said configuration file to create [[said]] a workload in response to said work request,

wherein said reference command objects are combinable for dynamically adjusting the reallocation, redistribution, and rescheduling of resources across multiple e-business systems to efficiently process redundant commands of said work request.

9. (Currently Amended) The machine readable storage according to claim 8, wherein said selecting ~~creating~~ step further comprises parsing workload configuration data stored in [[a]] said workload configuration file to create a master workload for providing an administrator the ability to modify said workload.

10. (Currently Amended) The machine readable storage according to claim 9, further comprising executing said assembled command objects of said workload across multiple e-business systems.

11. (Currently Amended) The machine readable storage according to claim 10, further comprising:

modifying said workload configuration [[data]] file in response to a request to add a new command for producing a modified workload configuration file;

creating said workload reference object using said modified workload configuration [[data]] file; and

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assembling said ~~created~~ workload reference object to create [[a]] said workload executable.

12. (Currently Amended) A machine readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

~~creating a command pattern for commands that recur in the execution sequences~~
redundant command sequences, said creating step for eliminating redundancy [[among]]
of multiple execution sequences during workload simulation on an e-business
application server;

identifying a sequence of redundant commands within a work request;

~~creating a command pattern for commands that recur in the execution sequences~~
said sequence of redundant commands;

~~building a reference workload using said created command pattern~~

~~copying commands in said reference workload in response to a work request; and~~

building a workload from said work request by replacing redundant command
sequences in said work request with said command pattern; and

~~executing said copied commands~~ workload for responding to said work request.

13. (Original) A machine readable storage having stored thereon, a computer program having a plurality of code sections, said code sections executable by a machine for causing the machine to perform the steps of:

instantiating an invoker object, said invoker object instantiating a plurality of command objects, said commands objects for executing specific commands;

said instantiating step for eliminating redundancy among multiple execution sequences during workload simulation on an e-business application server;

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assembling said command objects to create a workload executable; and
executing said workload executable.

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